

ILLINOIS

Science and Engineering Profile

	Illinois	U.S.	Rank		Illinois	U.S.	Rank
Doctoral scientists, 1993	17,727	430,332	7	Total R&D performance, 1993 (millions)	\$6,768	\$161,427	9
Doctoral engineers, 1993	2,957	81,293	8	Industry R&D, 1993 (millions)	\$5,242	\$117,622	7
S&E doctorates awarded, 1995	1,412	26,482	5	Academic R&D, 1994 (millions)	\$803	\$20,573	7
of which, in engineering	21%	23%		of which, in life sciences	50%	55%	
in life sciences	21%	24%		in physical sciences	12%	10%	
in social sciences	18%	15%		in engineering	11%	16%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	1,176	36,143	8	expenditures, 1993 (millions)	\$8,572	\$163,994	5
S&E graduate students, 1994				Number of SBIR awards, 1990-94	280	18,023	16
in doctorate-granting institutions	21,737	438,694	6	Patents issued to state residents, 1995	2,874	55,717	4
Population, 1995 (000s)	11,830	262,755	6	Gross state product, 1992 (billions)	\$294.4	\$5,994.1	4
Civilian labor force, 1995 (000s)	6,083	132,281	5	of which, agriculture	2%	2%	
Personal income per capita, 1995	\$24,763	\$22,788	9	manufacturing, mining, construction	23%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures, 1995 (millions)	\$50,934	\$1,326,294	7	wholesale and retail trade	17%	16%	
R&D obligations, 1994 (millions)	\$1,080	\$65,654	17	finance, insurance, real estate	19%	18%	
				services	20%	20%	
				government	10%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Illinois by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	1,079,973	85,416	436,956	85,475	423,291	42,810	6,025	17
Department of Agriculture	44,950	33,219	0	80	11,471	145	35	7
Department of Commerce	4,203	365	0	2,581	761	0	496	21
Department of Defense	159,694	46,240	4,359	59,051	49,533	511	0	25
Department of Energy	467,668	1,862	430,396	11,768	21,027	1,615	1,000	4
Dept. of Health & Human Services	255,716	399	547	6,080	211,207	36,558	925	12
Department of the Interior	2,933	2,067	75	71	536	0	184	40
Department of Transportation	9,295	19	1,478	2,911	1,250	635	3,002	16
Environmental Protection Agency	1,796	0	0	713	700	0	383	24
Nat'l Aeronautics & Space Admin.	13,292	1,245	100	1,899	9,866	182	0	27
National Science Foundation	120,426	0	1	321	116,940	3,164	0	4
State rank	17	26	3	29	8	15	8	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.